telenav gps navigator V5.2

GPS Navigation Suite for:

J2ME phones

Available on the T-Mobile Network.

To check whether your device is supported, please visit:
http://www.telenav.com/products/tn/devices/tmobile.html

User's Guide

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1. Welcome

The TeleNav GPS Navigator application on your phone uses GPS position determination technology and access to your wireless carrier's data network to provide you with driving directions and a host of other services, including:

- GPS navigation that gives you turn-by-turn directions to any destination address in the continental United States and Canada. If you miss a turn or get off-track, TeleNav GPS Navigator will calculate a new route for you. You can enter a destination address by using TeleNav GPS Navigator's automatic voice recognition system or by typing on the phone's keypad.

- Audio and visual traffic alerts while driving or viewing maps, as well as traffic re-routing capabilities to minimize delays on your trip.

- A Search feature that allows you to find businesses or points of interest near your current location, an airport, a Favorite location, or any other entered address. You can read ratings and reviews for businesses and easily call the business that you have found to check on the availability of an item or to make a reservation. You can navigate to the business location now or save the address for later use.

- Maps of the area around your current location, around a marked Favorite, or around an address that you had previously entered. You can pan the map (adjust left, right, up, or down) and zoom in or out. You can also mark a point under the cursor as a Favorite.

- The ability to personalize your application preferences by selecting U.S. customary or metric distance units, the route style, and so on.

2. Safety and Legal Notices

Please read this section carefully before using TeleNav GPS Navigator

TeleNav, Inc. will not accept any responsibility whatsoever for accidents resulting from failure to observe common sense precautions. Your personal judgment, traffic regulations, and common sense must always take precedence over any driving direction produced by TeleNav GPS Navigator.

WARNING: Keep your eyes on the road.

It is your responsibility as the vehicle operator to keep your eyes on the road and be an alert driver at all times, ESPECIALLY when the vehicle is moving. The vehicle operator should not be distracted by the application displays, by audible cues, or by manually interacting with the controls. When you need to enter data on your phone using the keypad or study the display, only do so while the vehicle is parked, not while the vehicle is in motion. Turn off your phone if your ability to drive responsibly is decreased by using the TeleNav GPS Navigator application.

WARNING: Install the equipment safely.

If you are using a phone mounting kit, make sure that it does not obstruct your vision. You may wish to charge the phone while using TeleNav GPS Navigator. If so, make sure that the charging cable does not interfere with any of the vehicle's controls.

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WARNING: Drive safely and use common sense.

The vehicle operator's personal judgment, traffic regulations, and common sense must always take precedence over the instructions provided by TeleNav GPS Navigator.

It is your responsibility as the vehicle operator to drive safely, observe all traffic rules, and use your own personal judgment while driving. If you feel that a route suggested by the navigation software instructs you to perform an unsafe or illegal maneuver, places you in an unsafe situation, or routes you into an area that you consider to be unsafe, do not follow the navigation instructions.

3. Data Service Options

The TeleNav GPS Navigator application that you install on your phone requires a means of accessing the public Internet, which is typically provided by your carrier's data network.

The TeleNav GPS Navigator application on your phone communicates with the TeleNav servers to get routing, maps, and points of interest via your carrier's data network. You do not need to purchase additional data services if you already have a data or email services plan for your phone. However, if you do not already have a data or email services plan, you must order one from your wireless carrier so you can use the TeleNav GPS Navigator application.

There are quick-start guides that explain how to upgrade TeleNav GPS Navigator to the latest version. The quick-start guides can be found here: http://www.telenav.com/support/user-guide/tmobile.html

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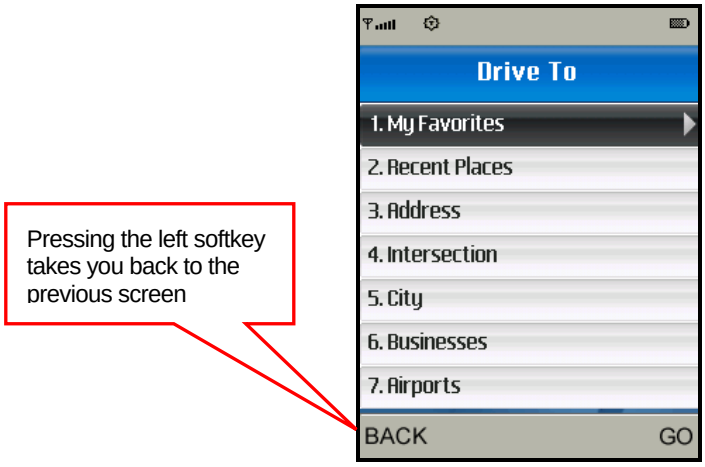
4. The Phone Controls

The following keys on your phone are referenced in this manual as follows. Depending on your phone model, the key placements may slightly vary from the graphics shown below.

Left softkey The key in the upper left corner of the keypad.

The left softkey performs the function directly above it on the menu bar of the screen. The left softkey is typically used to go **Back** one screen, **Close** a screen, or **Exit** the application. In the illustration below, the left softkey takes you back to the previous screen (the TeleNav GPS Navigator Main Menu).



Right softkey The key in the upper right corner of the keypad. The right softkey performs the function directly above it on the menu bar of the screen.

The right softkey is typically used as **YES** or **GO** (usually the same as pressing the **OK** button), although sometimes it opens a special menu or puts the keypad in a different mode. For example, the right softkey switches you between ALPHA and NUMERIC modes when you type information in a text field (such as typing in an address for navigation). When "NUM" is shown, you are in letter-typing mode. Click the softkey to toggle out of "ALPHA" and enter numbers.

In the illustration above, the right softkey executes the **GO** command and takes you to the My Favorites screen.

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Back button The **Back** button is located below the right softkey. For consistency throughout the TeleNav GPS Navigator application, consider using the left softkey instead of the **Back** button to go back to the previous screen. The **Back** button is normally only used to delete entries in a text field.

OK button The **Menu/OK** button in the center of the circular navigation key.

Navigation key The circular navigation key that surrounds the **OK** button. The navigation key has four possible choices—left, right, up, and down. These are referred to as the left navigation key, the right navigation key, the up navigation key, and the down navigation key.

END key The **END** key returns you to the Main Menu. Pressing and holding the **END** key turns off the phone.

TALK key The **TALK** key is used to repeat audio instructions when you are in a navigation session. Press **TALK** once whenever you need an audio instruction repeated.

a menu with a numerical listing, you can quickly shortcut to the item by pressing the number corresponding to the row you want. For example, if you want to select "City" in the menu shown to the right, simply key in "5." You will be taken directly to the City menu without having to scroll down to "City" in the Drive To Menu list.

arrow next to a highlighted item (such as in the "My Favorites" line in the example to the right), you can select the right navigation key to select it. This functions the same as pressing the **OK** key.

Tips on Using GPS

In order to get information for navigation, devices are equipped with a GPS receiver that uses signals from satellites orbiting the earth. If this is your first GPS device, the following tips will help you get started.

- When using GPS, make sure you are outside with a clear view of the sky and no buildings or trees are in the way.
- Remain stationary to acquire the initial GPS signal before you start your journey.
- The time to acquire the first GPS signal of the day may take up to 2-3 minutes, so please be patient.
- Keeping your phone powered on will help make getting subsequent GPS signals much faster during that same day.

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5. Launching TeleNav GPS Navigator

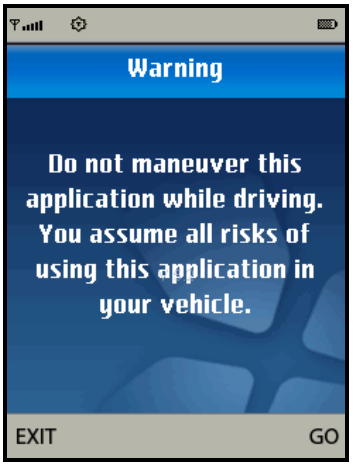
TeleNav GPS Navigator comes pre-installed on your handset. To launch the application, do the following steps:

1. Press **OK** and then go to Entertainment >> Location Based Services >> TeleNav.

2. The TeleNav GPS Navigator splash screen appears.

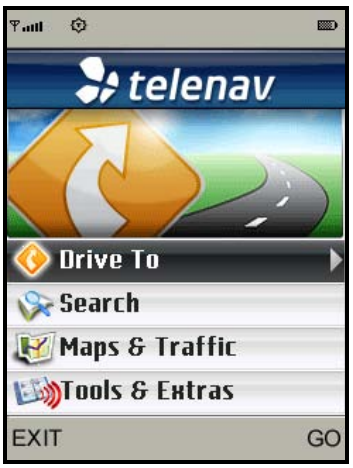
NOTE: On subsequent launches, if a newer version of TeleNav GPS Navigator is available, you will see a prompt to upgrade right after the splash screen. If you choose to upgrade, follow the on-screen prompts. If not, choose "Remind Me Later" to continue using the application.

3. The Warning screen appears. Press **EXIT** to reject this warning and exit application startup, or press **GO** to accept this warning and start TeleNav GPS Navigator.


Warning
Do not maneuver this application while driving. You assume all risks of using this application in your vehicle.
EXIT
GO

NOTE: The Warning screen is only displayed the first time you log into TeleNav GPS Navigator and does not appear for subsequent logins.

4. The TeleNav GPS Navigator Main Menu appears.



6. Using TeleNav GPS Navigator

You can use TeleNav GPS Navigator for many business and personal functions, including:

- Finding businesses, restaurants, gas stations, banks, schools, etc.
- Getting audible and visual driving directions to virtually anywhere in the United States within your wireless carrier's coverage area.
- Easily contact restaurants, motels, and hotels.
- Call the business you have searched for directly from the TeleNav GPS Navigator application.
- As a replacement for paper maps.
- As a personal information manager to keep a My Favorites list of places that you have visited or called.
- To view traffic information for a certain area or route.

For example, you can use TeleNav GPS Navigator to find a restaurant, save the restaurant's location to your My Favorites list so you can easily find it again later, call it and make reservations, then get audible turn-by-turn and visual directions to the restaurant.

You can also search for a particular type of business closest to your current location or closest to another location. For example, you could search for a Mexican restaurant closest to your current location or closest to the motel at which you have just made reservations.

In addition, you can also search for locations along your route. For example, you can search for all of the gas stations that sell your favorite brand of gas on your route between Dallas and Houston.

See the Quick Start section below for tutorials that show you how to use TeleNav GPS Navigator's features.

For an overview of the menu options, see the TeleNav GPS Navigator Menus section on page **12**.

Quick Start

The tutorials in this section can help you quickly do the following:

- Get driving directions (see page **16**).
- Refine your GPS point of origin (see page **27**).
- Understand the meaning of turn-by-turn instructions (see page **27**).
- Miss a turn? (see page **27**).
- Change navigation options like your origin, destination, or route style (see page **26**).
- Learn about navigation views such as map options and route summary (see page **28**).
- Enter a Drive To address by typing (see page **20**) or speaking (see page **21**).
- Save locations to your My Favorites list so you can find them later (see page **18**).

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- Delete locations from your My Favorites list (see page 18).
- Select recent locations from your Recent Places list (see page 19).
- Search the Directory to find businesses, restaurants, gas stations, banks, schools, and other entities (see page 38).
- View maps and traffic information along your route (see page 40).
- Pick an alternate route to avoid traffic incidents ahead (see page 35).
- Call locations that you have found, such as restaurants, motels, stores, etc. (see page 52).
- Take an incoming call when you are using TeleNav GPS Navigator (see page 52).
- Change your PIN number (see page 53).
- Handle an incoming call or SMS (see page 52).
- Exit the TeleNav GPS Navigator application (see page 53).

7. TeleNav GPS Navigator Menu Overview

This section gives you a brief overview of the TeleNav GPS Navigator menus.

The TeleNav GPS Navigator Main Menu options are:

- Drive To
- Search (Directory)
- Maps & Traffic
- Tools & Extras

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Drive To Menu

Use Drive To and select from a variety of ways to navigate to a chosen address. The Drive To menu options are:

- **My Favorites** - Favorite places that you have found and saved in the past so you can quickly search for them. Your My Favorites list can grow to an unlimited length.
- **Recent Places** - You can get directions to a Recent Place, save a Recent Place to your My Favorites list, or delete a Recent Place. Your Recent Places list can grow to an unlimited length. TeleNav GPS Navigator automatically saves all of the places that you:
    - Found in a Directory search.
    - Viewed as a map.
    - Located using a street address, intersection, city, or airport.
- **Addresses** - Enter a street address by typing or speaking. The address is automatically saved to your Recent Places list.
- **Intersection** - Enter an intersection by typing or speaking. The intersection is automatically saved to your Recent Places list.
- **City** - Enter a name of a city. The city is automatically saved to your Recent Places list.
- **Businesses** - Search the directory and find the addresses and phone numbers of businesses such as restaurants, gas stations, banks, schools, etc. Sort businesses by average star rating and read user reviews. Once you find what you are looking for, you can get audible and visual driving or walking directions, view a map, or place a call (depends on phone number availability). The Directory search result is automatically saved to your Recent Places list.
- **Airports** - Quickly find airports by 3-letter code or city name. Airports closest to your current location are automatically suggested. The chosen airport is saved to your Recent Places list.

Select one of these menu items or press the **BACK** softkey to return to the TeleNav GPS Navigator Main Menu. For more information about using the Drive To Menu, see page 16.

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Search Menu

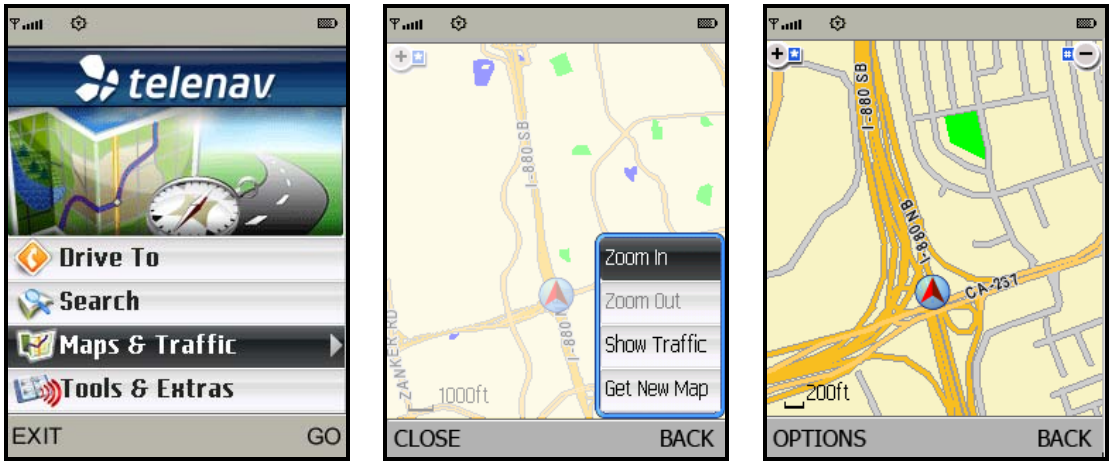
The Search menu provides you with a few different ways to find restaurants, gas stations, banks, etc., as well as hard-to-find businesses such as churches, schools, government offices, and police and fire stations.

Once you find what you are looking for, you can get audible and visual driving or walking directions, view a map of the location, or save the location to your My Favorites list. You can also place a call to make reservations.

The result of every search is automatically saved to your Recent Places list. If you do not have time to save the result of your Directory search to your My Favorites list, you can easily go into your Recent Places list later and save the location to your My Favorites list.

For more information about using the Search menu, see page **38**.

Maps & Traffic Menu



View a map of your current location by choosing the “Maps & Traffic” option. On the **OPTIONS** menu, choose from the following:

- Zoom In – Focuses in on the map to show a smaller area. You can also press *.
- Zoom Out – Zooms out of the map show a larger area. You can also press #.
- Show Traffic – Traffic flow is color-coded on major highways if shown in the map.

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- Get New Map – View a map for a destination that you choose from the following menu categories:
    - Current Location
    - My Favorites
    - Recent Places
    - Address
    - Intersection
    - City
    - Businesses (this is the same as the Search menu option)
    - Airport

See page 40 for full details on these features.

Tools & Extras Menu

The Tools & Extras menu gives you options for setting your preferences and other features.

The Tools & Extras Menu options are:

- My Favorites
- Preferences
- About

See page 44 for full details on these features.

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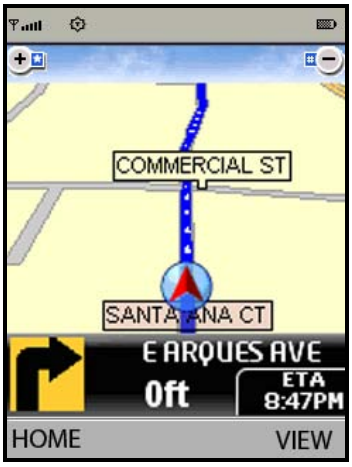
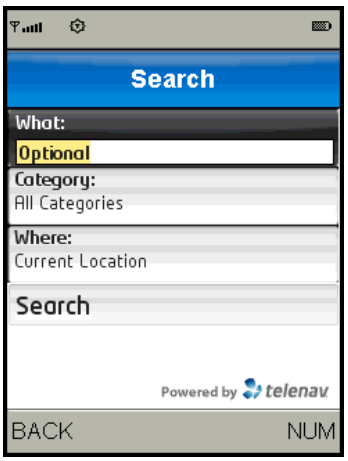
8. Get Driving Directions (Drive To Menu)

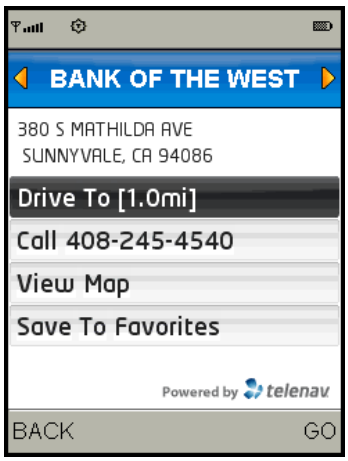
There are several ways to get driving directions to a desired location.

1. Select “Drive To” from the main menu. Then select one of the seven “Drive To” menu options shown below.



2. Use the “Search” feature to locate a business and then select “Drive To” (see page [17](#)).





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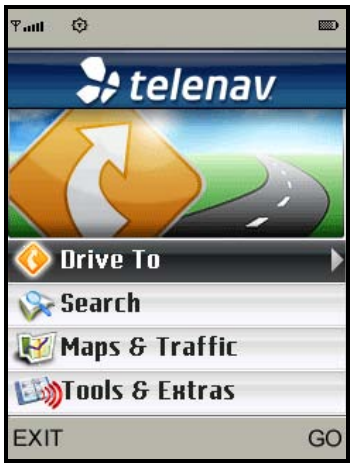
To use the Drive To menu, do the following steps:

1. Use the **navigation key** to select Drive To and press the **GO** softkey.

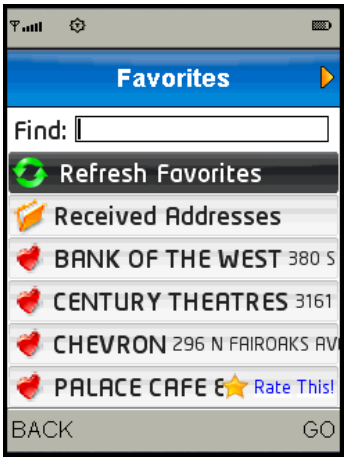


2. Select one of the following options from the Drive To menu as shown in the illustration to the right and discussed below.

My Favorites

In the Favorites screen, press the **navigation key** until you highlight your desired location. Then press **OK** to generate your route.

Your Favorites list can grow to an unlimited length. If your Favorites list gets very large, it may be easier to use the Find function to find your desired Favorite. To use the Find function, enter one or more alphanumeric characters in the Find text box. Matching entries will move to the top of the list.



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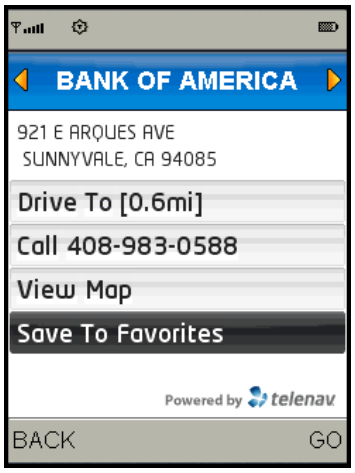
Save a Location to My Favorites

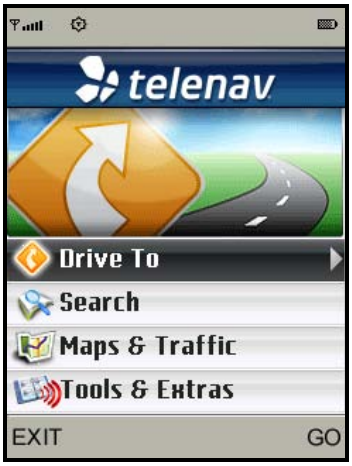
To save a location to your Favorites list, select the Save To Favorites option from an Address Detail screen. You can reach the Address Detail screen from a number of menus including Search and Drive To >> Businesses.

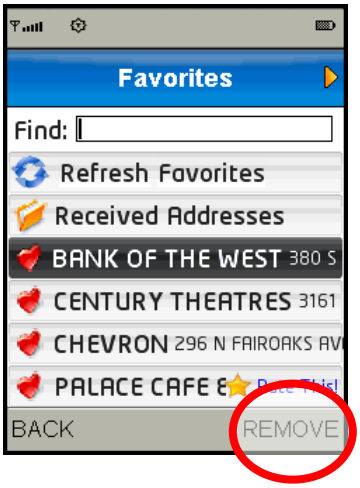
For more information on Favorites, see “My Favorites” on page 45.



Delete a Location from My Favorites

To delete a location from your My Favorites list, select the location in your Favorites list and click the **REMOVE** softkey.





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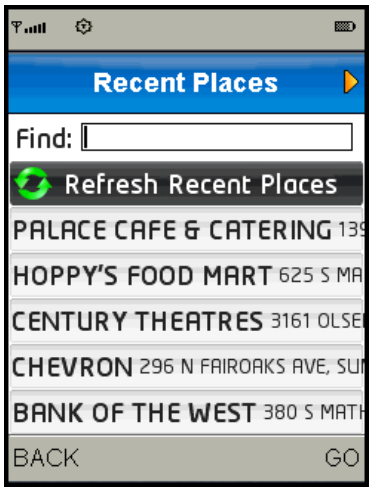
Recent Places



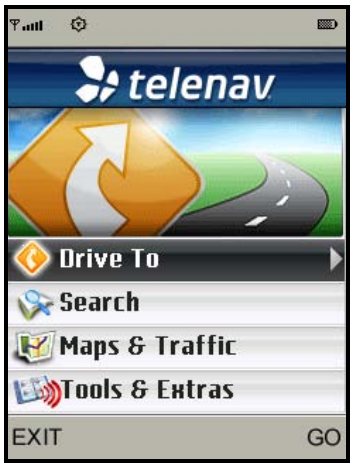
Recent Places are locations that you have recently been to or viewed in other menus such as Address, City, or Business. TeleNav GPS Navigator automatically keeps a list of all of the places that you have found when using any of the Drive To functions. You can access the Recent Places list from the Drive To menu or by going to Maps & Traffic >> Recent Places.

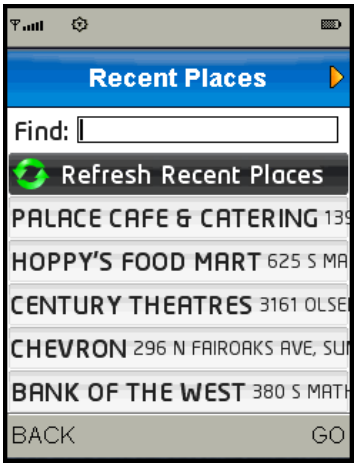
In the Recent Places screen, use the **navigation key** until you highlight your desired location. After you press the **OK** button, the screen that follows depends on what menu you are viewing.

For example, if you view Recent Places from the Drive To menu, your route will be generated. If you view Recent Places from the Maps & Traffic menu, your map will be generated.

Select a Recent Place

TeleNav GPS Navigator automatically keeps a list of all of the places that you have found when using any of the Drive To functions.





When you select a Recent Place from the Maps & Traffic >> Get New Maps menu, a map of your Recent Place appears. After your map appears, you can press the **OPTION** softkey to call up the menu. You have the following choices:

- **Zoom In** – Focuses in on the map to show a smaller area. You can also press *.
- **Zoom Out** – Zooms out of the map show a larger area. You can also press #.
- **Show Traffic** – View traffic flow information and incidents around the Recent Place. If traffic incidents and flow information are already displayed, this toggles to the "Hide Traffic" option.
- **Get New Map** – Go back to the Maps & Traffic menu to choose another map from the categories.

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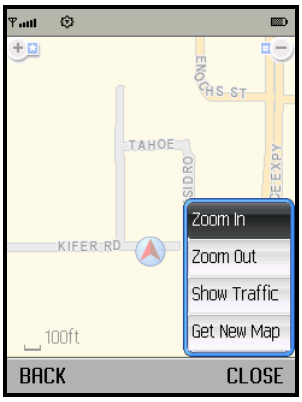
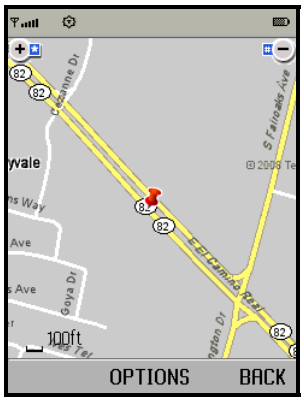
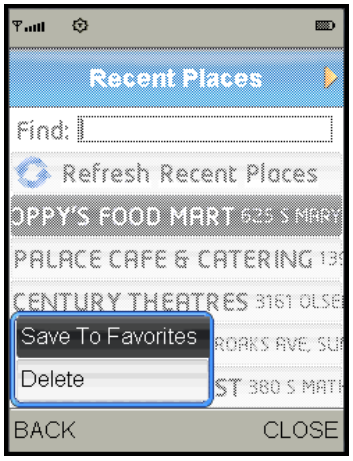




Save or Delete Recent Places



You can save a Recent Place to your Favorites list (the location stays in your Recent Places list). You can also delete a Recent Place from your Recent Places list if you do not want to display it any longer. Highlight a place in the list and press the **OPTION** softkey to show the menu.

Your Recent Places list can grow to an unlimited length. If your list is too long, you can enter one or more alphanumeric characters in the Find text box. The Recent Places that match your search are automatically selected and displayed. As you accumulate Recent Places, you may find that you will have to use the Find text box because you have too many Recent Places to scroll through easily.

Address – Type It

Enter a street address by typing in the appropriate fields as shown above. See the User's Guide for your phone for information on how to enter numbers and letters. When you are done typing, press the **OK** button twice. Partial entry (5 or more letters) is okay for the street name. Either upper- or lower-case letters can be used.

HINT: To change back and forth from typing numbers to typing letters, press the ALPHA/NUM softkey.

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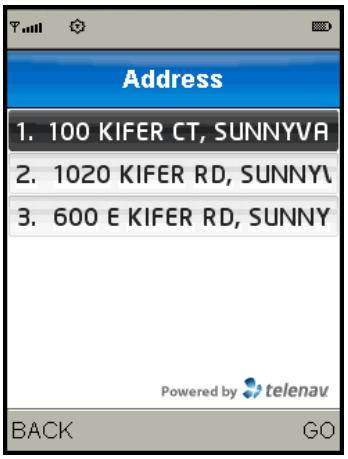
TeleNav GPS Navigator checks to see if the address that you entered can be found. TeleNav GPS Navigator prompts you to modify the address if the address is too new to be found in the mapping database or if the street number cannot be found for some other reason (i.e., if the street number does not exist).

Choose an address from the list to generate the route. You can also enter an address by speaking (see next section).



Address – Speak It

To enter an address by speaking, do the following steps:

1. From the Drive To menu, select Address or Intersection.

2. Select the Speak It option. This places a call to the TeleNav Speak It server.

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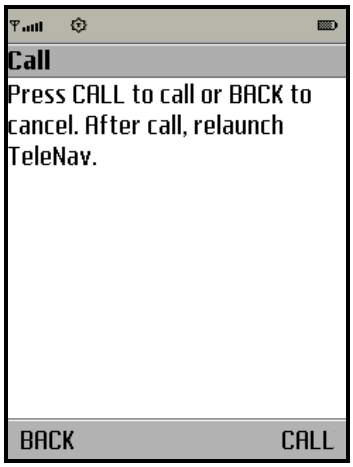
NOTE: Because the phone can only do one function at a time, it cannot make a call and run TeleNav GPS Navigator at the same time, so the phone will automatically exit from the TeleNav GPS Navigator application when you make a call.



3. Follow the voice prompts to dictate an address.

4. Re-launch TeleNav GPS Navigator after speaking your directions by clicking the icon on your phone's menu.

5. Go to the Recent Places list and click **Refresh Recent Places** (select Drive To or Maps & Traffic >> Get New Map, and then select Recent Places). The location you entered by speaking will appear at the top of your Recent Places list after you re-launch TeleNav GPS Navigator and click "Refresh."

NOTE: You must refresh the recent places in order to see the address that you called in.

The following section contains an example of what you might hear and say when using the Speak It option for entering an address.

TeleNav prompt> Welcome to TeleNav! Let's get your destination. Is it a street address, an intersection, or an airport?

Your response> Street Address

TeleNav prompt> OK, Tell me the 5 digit ZIP code, or the city and state, like Los Angeles, California. For a Canadian address, say the city and province.

Your response> Arlington, Texas

TeleNav prompt> I heard Arlington, Texas. Say GO BACK if this is not correct. <pause> Say the street including both the number and name, like 422 Main Street. <pause> It can also be a highway.

Your response> 1620 Oak Street

TeleNav prompt> I heard 1620 Oak Street. Say GO BACK if this is not correct. <pause> Great, your destination has been entered: 1620 Oak Street, Arlington, Texas 75210. Would you like to enter another?

Your response> Silence (assuming that 1620 was correct)

TeleNav prompt> Thanks for calling TeleNav.

The Voice Address Input System may ask you for an account number and PIN if caller ID is not working. Simply dictate the numbers as prompted, or key in your mobile phone number followed by pressing "#" and your TeleNav PIN followed by pressing "#." If this happens, consider going to Preferences >> Call In to change to the other dialed number.

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The recognition system may reply back with an incorrectly recognized input. When this happens, simply say, **"Go Back"** and repeat the data entry. The voice system may advise you that a street number is out of range and provide the proper range of numbers for you to use. Provide a number that is within the range or nearest the end of the range that you are sure is valid.

If you say "**Intersection"** and then provide a crossing street name, the voice system may advise you that the streets you provided do not actually cross and allow you to change either street name or both street names. Select the name you want to change by saying it, and then provide the correct name.

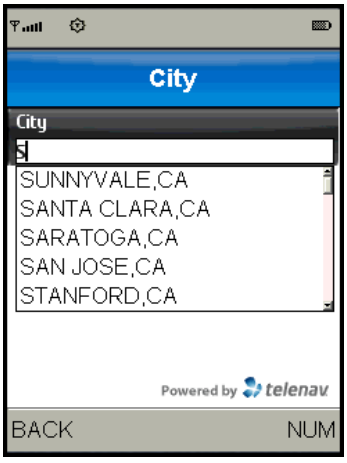
Intersection

Enter an intersection by typing as shown above and pressing the **OK** button. TeleNav GPS Navigator prompts you to modify the name of the intersection if one of the streets does not exist, if the streets do not cross, or if the address is too new to be found in the mapping database. You can also enter an address by speaking (see previous section).

City

Enter a city by typing in the City field. The field has an auto-fill feature, so you usually will not have to type the whole name of the city or the name of the state. If the city that you are looking for appears in the drop-down list under the text field, you can press the **Down** navigation key until you highlight the desired city and then press **OK** to generate your route.

If necessary, you can also type in the name of a State. Type the two-letter abbreviation for the state if you know it, or spell the whole name of the state if you do not. The State field also has the auto-fill feature. When you are finished typing, press **OK** to generate your route.



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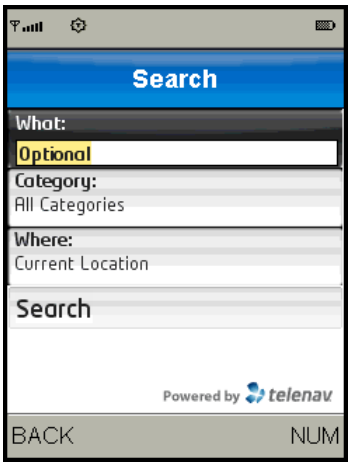
Businesses

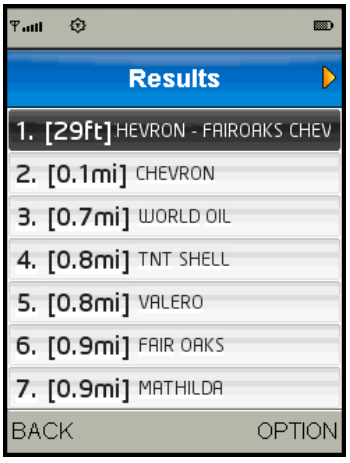
Search the Businesses directory and find the addresses and phone numbers of businesses such as restaurants, gas stations, banks, schools, etc. The search result is automatically saved to your Recent Places list.



In the Search screen, you have the following options:

- **What** – Type in a keyword for your search. Matching results are automatically suggested as you type.
- **Category** – Choose a business from the Category Tree.
- **Where** – Choose an origin for your search. Businesses will be sorted by distance from your chosen location.

Once you select a business, you are taken to the Results screen to narrow your search.



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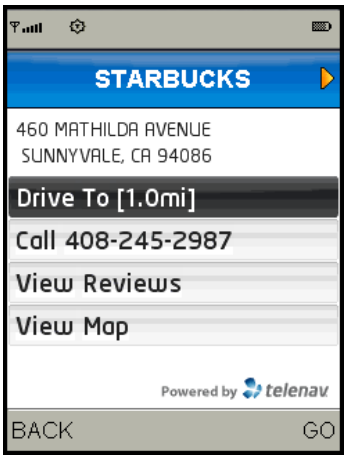
You have the following options after you select a desired location. Some options may not be available depending on the business you choose to view.

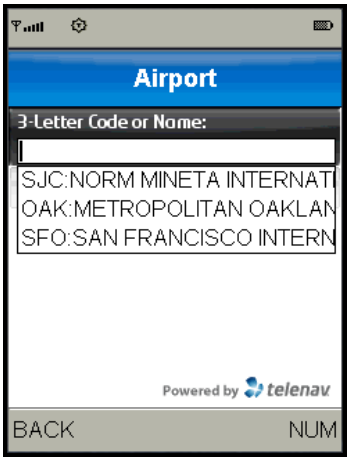


- **Drive To** – Get directions to the business.
- **Call** – Call the location if there is an available phone number.
- **View Reviews** – View or submit your own Rating for the location (depending on availability).
- **View Map** – View a map of the address.

For more information on this feature, see Search Menu on Page 38.

Airports

Quickly find airports by airport code search or city search. Airports closest to your current location are automatically suggested in the drop-down menu and ordered by distance.



You may be able to save time and keystrokes by using the **navigation key** to highlight the name of the desired airport and then pressing **OK** to select it.

The airport you choose is automatically saved to your Recent Places list.

You have two options after you select an airport:

- **Drive To** – get directions to the airport.
- **View Map** – view a map of the airport and the area around it.

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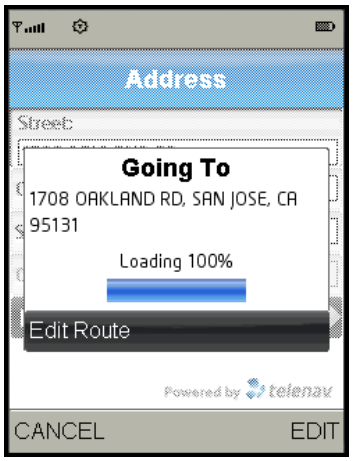
Initial Driving Directions



1. Within a few seconds of selecting a Drive To location, TeleNav GPS Navigator calculates what it believes to be an optimal route to your destination and tells you how to start your trip from your current location.

2. Click "Edit Route" on the Going To pop-up to refine your route. The Edit Route menu allows you to select a new origin or destination by using any of the methods discussed in the Get Driving Directions section on page 17. For example, you could select a location from your My Favorites or Recent Places lists, you could search for a business or other entity in the Directory, or you could enter an address, an intersection, or a city.

Choose from the following on the Edit Route menu:

- **Origin** – Choose a different Drive From address.
- **Destination** – Choose a different Drive To address.
- **Route Style** – Choose a style preference from the options listed below. The next time you generate a route, your preference will be "remembered."
    - **Fastest** - This default Route Style finds the fastest driving route.
    - **Traffic Optimized** - This Route Style finds the fastest route that minimizes current traffic delays.
    - **Shortest** - This Route Style may or may not take more time to drive, but it shows you the shortest distance.
    - **Prefer Streets** - Use streets instead of highways if possible.
    - **Prefer Highway** - Use highways instead of streets if possible.
    - **Pedestrian** - Find walking directions that may make your walking route easier, for example, by allowing you to take advantage of going the wrong way down one way streets. As always, use your common sense to determine the safety of any route.

NOTE: If you typed in an invalid address, intersection, or City, you will be taken to the Address Details page to confirm the address before your route can be generated.

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3. If you are not moving, TeleNav GPS Navigator may not know your direction of travel, so the first few driving directions may be incorrect since TeleNav GPS Navigator may initially make an incorrect assumption. However, once you start moving, TeleNav GPS Navigator learns your direction of travel and provides an updated set of driving directions.

For more information about navigation views, see page 28.

GPS Origin Refinement

If you are using GPS navigation and you are in a parking lot or similar area where your location does not exactly map to a specific street, you may see a pop-up that shows TeleNav GPS Navigator's best estimate of what street you are on. This gives you the opportunity to change the starting street.

If you choose to change the starting street, a list of neighboring streets appears, and you can make an alternate selection from the list. If you do nothing, the first pop-up disappears after a few seconds, and TeleNav GPS Navigator uses the default street as the starting location.

If you are not sure which street you are on, simply start driving. TeleNav GPS Navigator detects your current location and recalculates your driving directions as needed.

Audible Guidance Tones

TeleNav GPS Navigator delivers audible guidance tones (beeps with a recognizable pitch) as you drive, in addition to spoken audible directions. A preparatory audible tone is typically heard no less than 30 seconds before reaching a turn, and an action audible tone is typically heard no less than 10 seconds before reaching a turn. The preparatory audible tone may not be sounded if the distance to the next turn only allows time for the action tone.

The lead times for the audible guidance tones are increased proportionally to your driving speed. For example, this allows more time for changing lanes before a turn if you are driving at highway speeds as opposed to driving more slowly on local streets.

Miss a Turn?

Whenever you miss a turn, turn the wrong way, turn too early or too late, or otherwise get off the planned route to your destination, TeleNav GPS Navigator automatically creates a new route to your desired destination, and an audible tone announces that a new set of instructions is available.

If you realize you have missed a turn or have otherwise gotten off the route, just keeping driving. TeleNav GPS Navigator detects your current location and recalculates a new set of driving directions to get you back on track.

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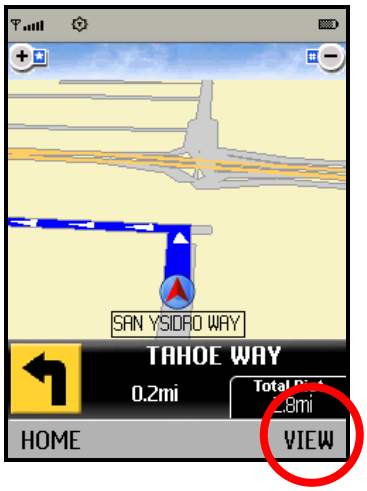
It may take approximately 15 to 30 seconds for TeleNav GPS Navigator to update your route. If during this process you make additional deviations from your current route, TeleNav GPS Navigator may have to contact its servers for another new route.

Since TeleNav GPS Navigator requires access AT&T's network, if you are off route and outside of the coverage area, you must return to AT&T's coverage area in order for TeleNav GPS Navigator to recalculate your route.

Navigation Views

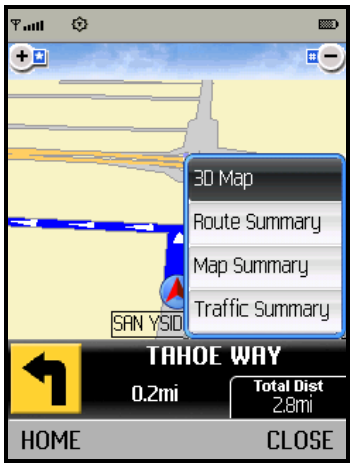
The default navigation view is 3D moving maps, but you may wish to use another option when you are navigating. Pull over and stop your vehicle in a safe place before changing navigation options. You may even wish to plan your trip before you start by looking at other navigation views.



You can access other navigation views after you start a navigation session, for example from the Drive To menu. Press the **VIEW** softkey to call up the menu.

When you are viewing a Moving Map with audio features, press the **TALK** key to repeat an audio prompt.

Use the **Up** and **Down** navigation keys in the View menu to select the desired navigation view. Then press **OK**.



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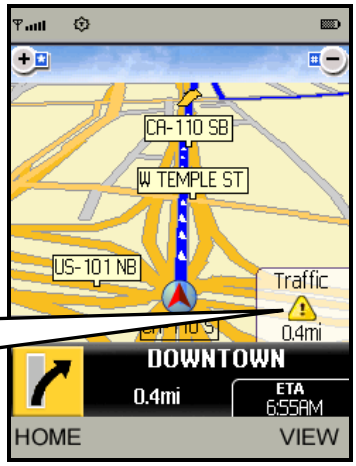
The View menu has the following options:

3D Map

A 3-dimensional map with turn icons (default).

When you are viewing moving maps during navigation, a Traffic Alert icon will appear at the bottom-right corner of the map if there is an accident less than 15 miles ahead of your current route and the Traffic Alerts preference is turned on. You will see the distance along the route until the accident and hear an audio warning.



(Audio)
"Accident 0.4 miles ahead on US 101 at West Temple Street; 1 lane closed."

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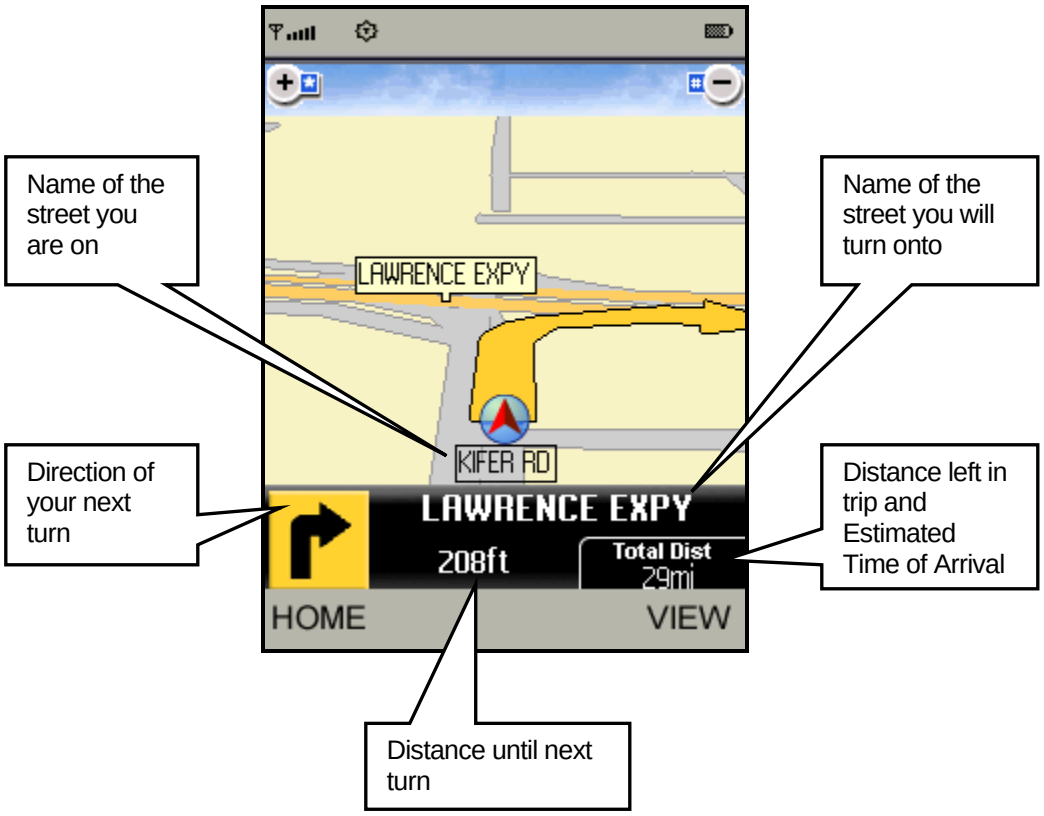
Below are the contents for the 3D Map view.



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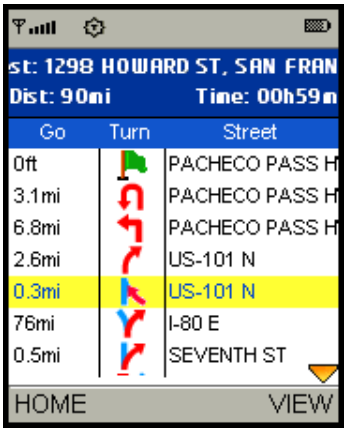
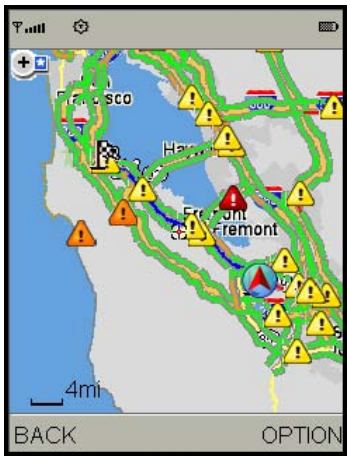
Route Summary



A text listing of every turn for this navigation session from your starting location to your destination, along with mini turn icons.

TIP: Press the **TALK** key ( ) to hear directions for the selected turn.

Map Summary



The entire route from your starting location to your destination is drawn on a map, complete with the latest traffic alerts and traffic flow information (if you choose to view them). The route is displayed as a blue line connecting the Start and Finish flags.

Highways and major roads with traffic flow information are color-coded by speed in each direction of travel:

Speed	**Road Color**
> 50 mph	Green
30 – 50 mph	Yellow
< 30 mph	Red
Unknown	Grey

1. Click the **OPTIONS** softkey to “Hide Traffic” or “Show Traffic” (depends on availability).

2. Use the * and # keys to zoom in and out of the map.

3. Use the four-way **navigation key** to pan the cursor and focus on a traffic incident icon. A pop-up bubble will be displayed, showing the Incident Type. Press **1** for more details.

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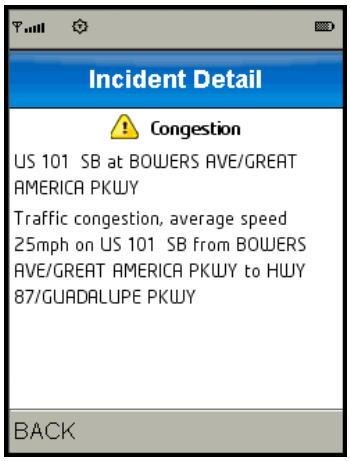
4. The Incident Detail screen appears with a report of the traffic incident. The icon at the top is color-coded by severity.


Incident Detail
Congestion
US 101 SB at BOWERS AVE/GREAT AMERICA PKWY
Traffic congestion, average speed 25mph on US 101 SB from BOWERS AVE/GREAT AMERICA PKWY to HWY 87/GUADALUPE PKWY
BACK

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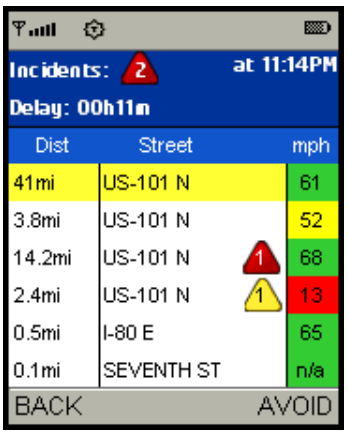
Traffic Summary



The Summary screen displays overall delay from traffic, a summary of incidents on the route, and the average speed for each segment where available. You can click on any line to view more details.

Below is an explanation of what you will see on the Traffic Alert screen:

- **Incidents** (triangle icons) – total number of remaining incidents directly along the route. The color of the triangle indicates the severity of the incident.

Color	**Severity**
Yellow	Only Minor incidents
Orange	At least one Major incident, no severe incidents
Red	At least one Severe incident

- **Delay** - Total time delay caused by traffic conditions, or the sum of delays on each segment.

NOTE: Delay refers only to the route currently shown.

- **Dist.** - Distance of road segment.

NOTE: This is not the distance from the origin but the length of each road segment.

- **Street** - The street or highway name of the road segment.

- **Mph/Kph** - Average speed on that road segment.

NOTE: "N/A" is displayed for segments farther than 200 miles away.

TIP: Press the **Talk** key to hear incidents for a selected segment.

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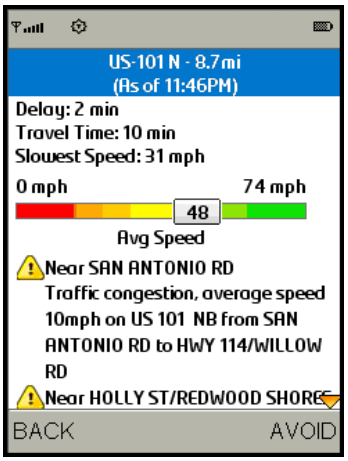
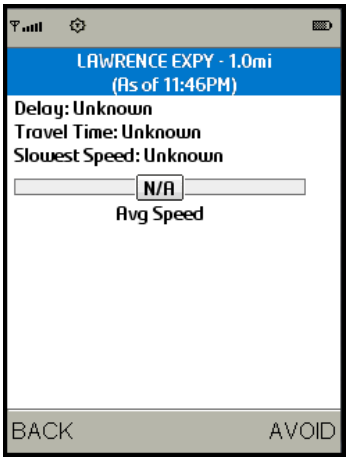
If you click on an incident line, you can view the details. Below is an explanation of what you will see on the Traffic Details screen:



- **Delay** - The additional time it will take to travel the segment as compared with the time it would take if traveling at the posted speed.
- **Travel Time** - Estimated time it will take to travel the segment.
- **Slowest Speed** - Slowest speed observed on the segment.
- **Average Speed Bar -** Average speed of a segment on a scale of 0 to the maximum-posted speed for that segment.
- **Incident Detail** - Each incident is displayed with the following:
  - Incident icon color-coded by severity
  - Location
  - Additional comments



NOTE: If there is no flow information for a segment, the Average Speed bar on the Details page is grayed out.

TIP: Press the **AVOID** softkey to find a new route that avoids this segment.

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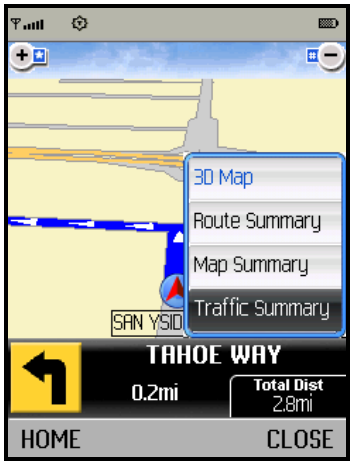
Re-routing Options

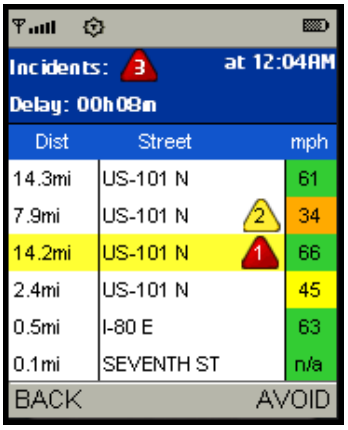
Manual

While you are in a navigation session, you can choose to manually re-route to avoid traffic congestion.

1. During navigation, press **VIEW** and choose “Traffic Summary.”



2. Highlight one of the lines with slow traffic and press the **AVOID** softkey, or press **OK** to see details for that segment.



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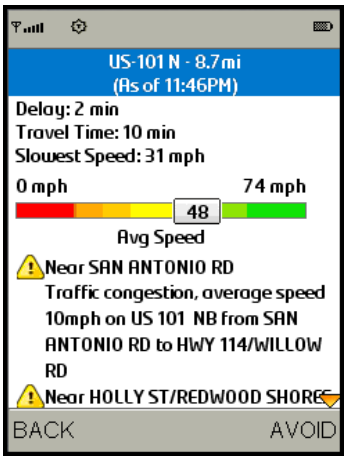
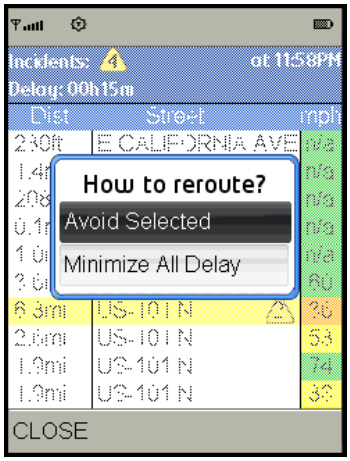
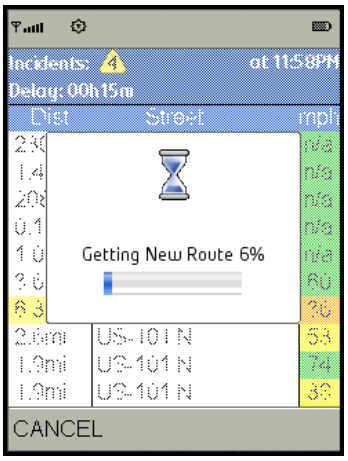
3. When you select a segment and press **OK**, the Alert Details screen appears. Press the **AVOID** softkey to go around that segment.



4. In the "How to reroute" pop-up message, choose "Avoid Selected" to avoid the selected segment. Alternatively, you can click on "Minimize All Delays," which attempts to find a new route that minimizes all delays on the current route.



5. A progress bar indicates how long until a new route is generated.



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6. The Suggested Route screen shows the proposed new route, outlining the original (blue) and suggested route (green), as well as listing the estimated time saved.

7. Press the **ACCEPT** softkey to confirm the new route and be taken back to your navigation session.

Avoid Ahead (audio detour)

When you hear an audio warning about a traffic incident during your navigation session, you can re-route to avoid congestion ahead.

1. During navigation, an audio warning sounds to alert you to traffic incidents along your route. An alert icon appears at the bottom-right corner of the map, showing severity and distance to the incident.

(Audio) "Accident 3.6 miles ahead on US 101 at Lawrence Expressway; 1 lane closed. Press '0' to avoid."

2. Press "0" on the handset. The "Loading" progress bar appears, and the application automatically calculates a route to avoid all incidents within a 15-mile range. When you hear the audio prompt, "New Route," the new route will be shown on your navigation session. The traffic alert icon will disappear from the screen.

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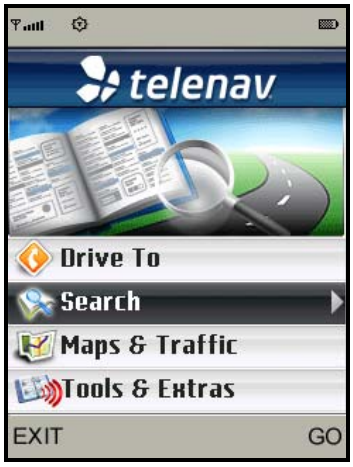
9. Search Menu

You can use the Search menu to find businesses, restaurants, gas stations, banks, schools, and so on. To use the directory, do the following steps:



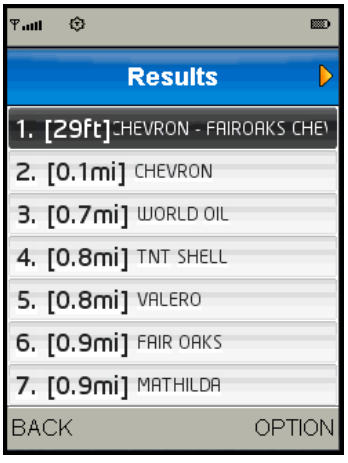
1. Select Search on the TeleNav GPS Navigator Main Menu.

2. You have the following options on the Search screen:

   - **What** – Type in a keyword for the business you want to find. As you type, matching entries will be automatically suggested.
   - **Category** – Browse the Directory tree to find a business.
   - **Where** – Choose an address around which to conduct your search.

3. Make your selections and choose **Search** to begin.

4. The Results screen appears with matching businesses closest to your chosen address listed at the top.



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5. Highlight a business on the Results screen and press **OK** for additional options:

   - Get driving directions (Drive To).
   - Call the location (if phone number is available).
   - View a map of the location.
   - Save the information to your Favorites list (this option is not available if the location is already saved to your Favorites list).

Most Popular Category

You can search for the most popular food/coffee places.

1. In the Search screen, expand the Food/Coffee category and choose "Most Popular."
2. Choose "Search" in the next screen.

3. The Most Popular search results screen displays items that are frequently given higher star ratings. By default, results are sorted by the number of points they have received (popularity). Items with no points or negative points are not displayed.

NOTE: Highlight an item in the list to view its distance from the search point's origin and the average number of stars it received.

Most Popular
1. [132 pts] PALACE BAR B QUE B
2. [55 pts] SAIZO
3. [33 pts] HANAMA
1.3mi 4.5 Stars
4. [28 pts] ROKKO JAPANESE RES
5. [28 pts] SUSHI MARU RESTAUR
6. [28 pts] VITO'S FAMOUS PIZZA
7. [26 pts] CRAZY FRANK'S DESI F
BACK
OPTION

See "Rate a Location" on Page 47 for more information.

Popularity is calculated by the user-generated ratings, averaged by considering the scores of the ratings and the number of users that have rated the location. A location accrues points based on how many stars it is given by TeleNav GPS Navigator users. When a location consistently achieves above-average ratings, its popularity count increases. Negative ratings lower the popularity count of the location.

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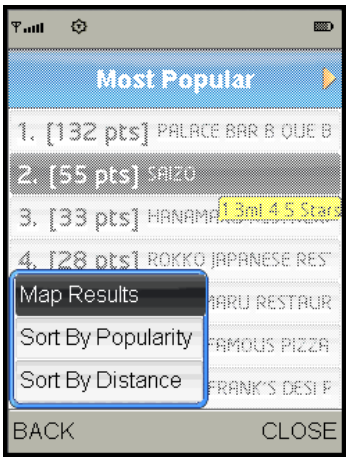
4. Click the **OPTION** softkey on the Most Popular screen to expose the menu choices:

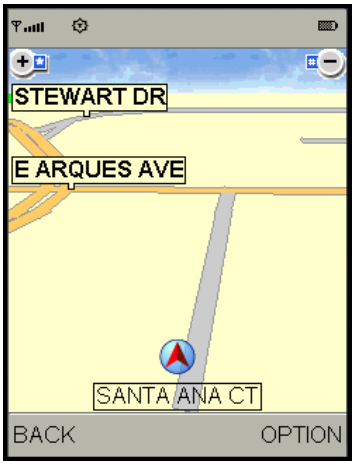


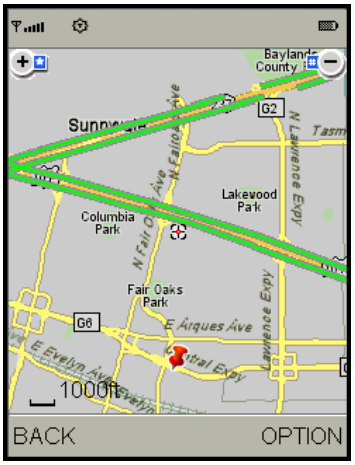
- **Map Results** - View this location on a map.
- **Sort By Popularity -** Sort the Most Popular list by popularity points (this is the default).
- **Sort By Distance -** Sort the Most Popular list by proximity to the search point's origin.

10. Maps & Traffic Menu

There are several ways in which you can view a map and traffic information:

1. From the Maps & Traffic option in the TeleNav GPS Navigator Main Menu (this shows a map of your current location). Click **OPTION** >> Show Traffic to see traffic information.





NOTE: If there is no GPS signal while the map is loading, you will be informed by a pop-up message, and your last-known location will be displayed as a static map.

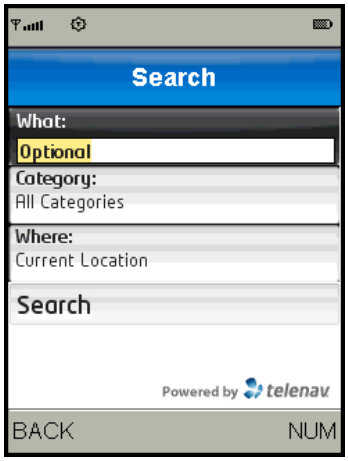
2. From the View Map option on the Address Details screen in certain Drive To menu options.

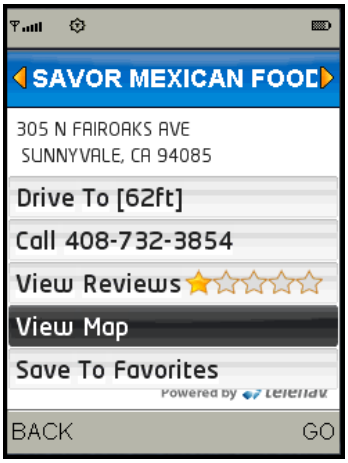
For example, from the TeleNav GPS Navigator Main Menu, select Drive To >> Airport >> Select an Airport and press **OK** >> choose "View Map."

3. From the View Map option for any Location that you have found using the Search directory.

NOTE: In some screens, the Directory may be called Business or Businesses.

For example, from the TeleNav GPS Navigator Main Menu, select Search. Search the Directory for your desired location and then select the View Map option for the location that you found.





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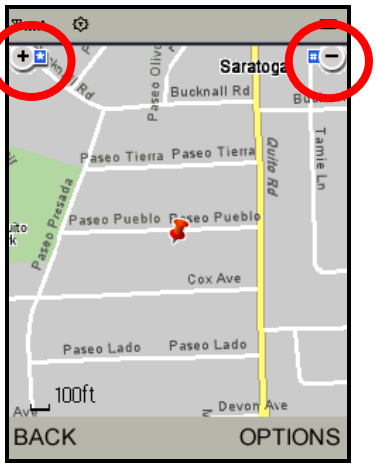
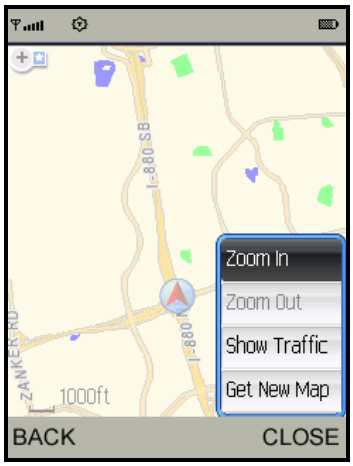
You can *zoom in* to see more map details by pressing the * key, and you can *zoom out* to see a larger area by pressing the # key as shown in the example to the right.



Press the **OPTIONS** softkey for the following menu choices:



- **Zoom In** - Zooms in to show a smaller area. You can also press *.
- **Zoom Out** - Zooms out to show a larger area. You can also press #.
- **Show Traffic** – Traffic flow is color-coded on major highways if shown in the map (see the next section for details).
- **Get New Map** – View a map for a destination that you choose from the following menu categories:
    - Current Location
    - My Favorites
    - Recent Places
    - Address
    - Intersection
    - City
    - Businesses (this is the same as the Search menu option)
    - Airport

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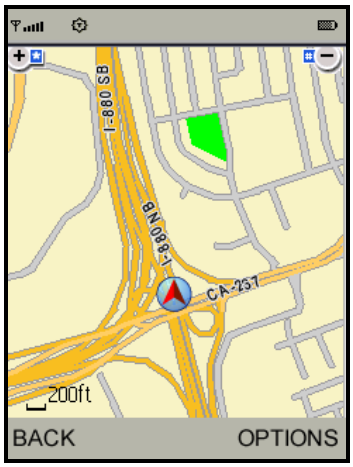
Check Traffic

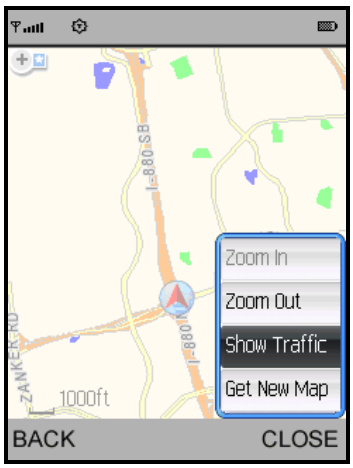
In the Maps & Traffic menu, you can also check traffic conditions around a certain area.

1. Select Maps & Traffic on the TeleNav GPS Navigator Main Menu.

2. A map of your current location appears.



3. Click the **OPTIONS** softkey and choose “Show Traffic.”



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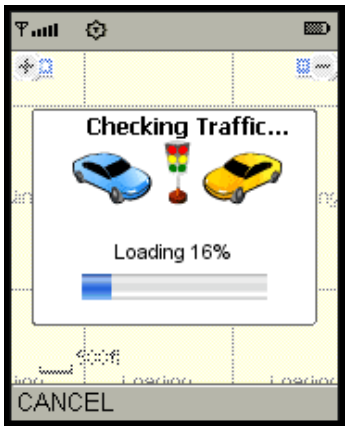
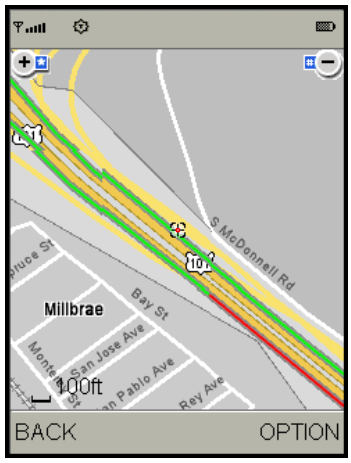
4. A pop-up displays with a progress bar as TeleNav GPS Navigator checks traffic conditions.



5. Traffic alerts, as well as traffic flow information, are then shown on the map, flashing on and off.

NOTE: If no traffic information appears on the map, try zooming out to show a larger area. Traffic flow information will only appear for large roads such as highways.



11. Tools & Extras Menu

The Tools & Extras menu gives you options for setting your preferences and other features as described in the following sections.

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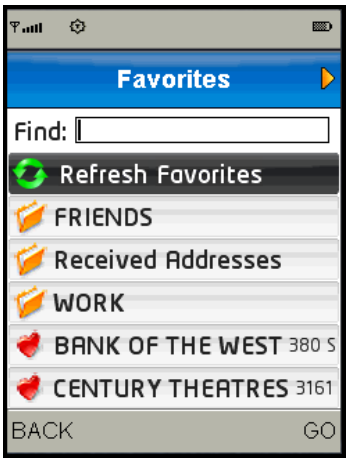
My Favorites

Your Favorites list can consist of folders that you can create and use to organize your Favorites into categories, or of individual Favorites represented by the heart icon. Individual Favorites may be listed under several categories.

If you click on one of the individual Favorites (entries with the heart icon), you will be taken to the Address Detail screen. You are presented with several options to choose from:



- Drive To (to get driving directions to this location)
- Call the location (if there is a phone number listed with the Favorite)
- View Reviews or Rate (to read reviews people have written, or to submit your rating for this location; depends on availability)
- View Map (to view a map of this location)
- Edit the Favorite
- Delete the Favorite

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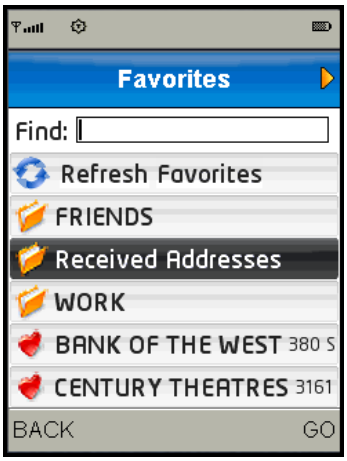
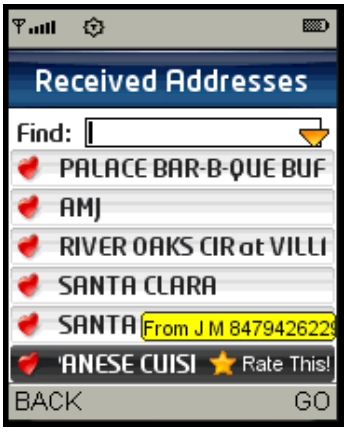
Received Addresses

A default category called “Received Addresses” is provided. If other TeleNav GPS Navigator or TeleNav users share any addresses with you, the address will automatically be stored in this folder. You can delete favorites from this category, but the category itself may not be deleted or renamed.



In the Received Addresses screen, highlight any address to see who sent the address to you. The phone number of the person will be displayed next to the name.



Delete or Rename a Category

You can delete or rename a category that you have created in the Favorites screen (the default “Received Addresses” category, which stores addresses other users may have shared with you, cannot be deleted).

1. Choose Tools & Extras >> My Favorites.

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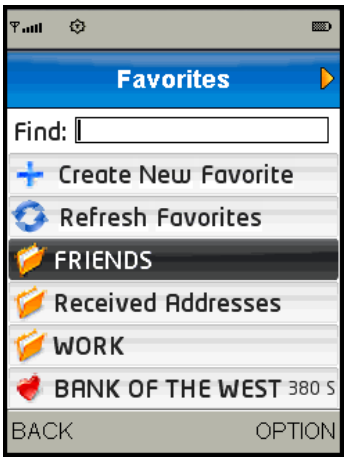
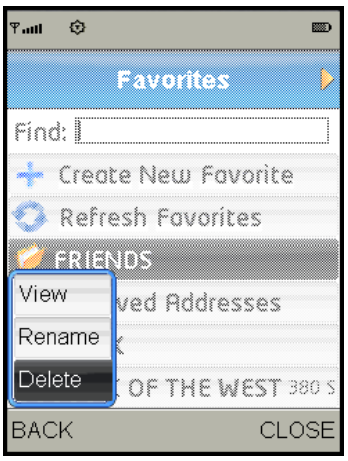
2. Highlight the category that you want to rename or delete. Then press the **OPTION** softkey.



3. In the pop-up menu, choose “Rename” to edit the category’s label or “Delete” to erase the category.



4. You have the following delete options:

   - **Category Only** - Delete just the category. All favorites will be moved out of it and appear on the Favorites screen.
   - **Category & Favorites** - Delete the category and all favorites in it. This deletes the favorites in this category only. If a favorite is also saved under a different category, this action does not delete it there.
   - **Cancel** - Close the pop-up and go back to the Favorites screen.

Rate a Location

Locations with star icons next to them indicate those for which you can view other people’s reviews (either editorial or individual user review). You can also submit your own rating for this location, indicated by the number of stars (the range is from 1 to 5).

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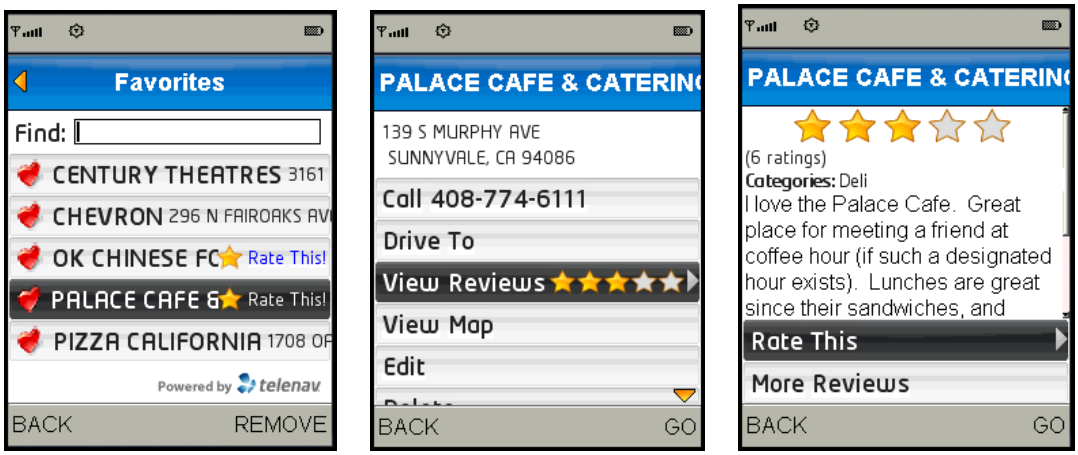
If you click on the “Rate This” option for a location that you have already rated, the original rating is displayed by default. If you submit a modified rating, the old rating is excluded from the average and replaced with the new rating, and the number of reviews remains the same.

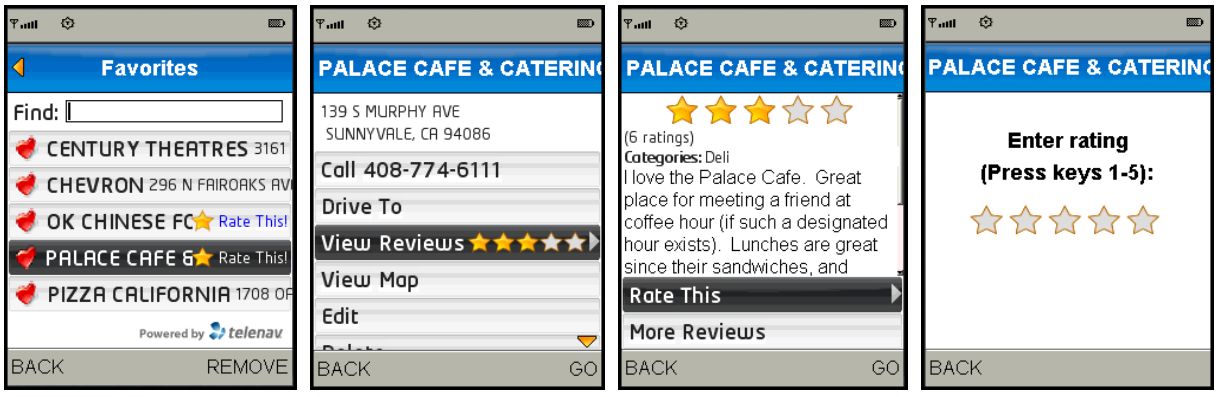
Read Reviews

1. In the Favorites or Recent Places screen, select a location with the “Rate This!” icon next to it.
2. In the Details screen, choose View Reviews.
3. The first review is listed in the next screen. Choose “More Reviews” to read more.



Submit Your Own Rating

1. In the Favorites screen, select a location with the Rate This! icon next to it.
2. In the Details screen, choose View Reviews.
3. In the Reviews screen, choose “Rate This.”
4. In the Rating screen, use the phone’s keypad to enter a rating from 1 to 5. Your rating will be averaged with other TeleNav GPS Navigator users’ ratings and will affect the location’s popularity points.



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Preferences

You can set the following personal preferences in the Preferences menu. After you select your new preference, press the **SAVE** softkey to save it.

- **Name** - Edit your name here.
- **Route Type** - Fastest, Traffic Optimized, Shortest, Prefer Streets, Prefer Highway, or Pedestrian. The "Traffic Optimized" style will give a route that minimizes traffic delays. You can choose "Ask me each trip" for a reminder pop-up every time you start a navigation session.
- **Distance Units** - Miles/feet or kilometers/meters.
- **Moving Maps** - 3D Moving Maps.
- **Audio Options** - Full Audio, Instructions Only, or No Audio. "Instructions Only" will announce only directional turns and not street names.
- **Guide Tones** – Choose between English or Spanish to announce your navigation instructions.

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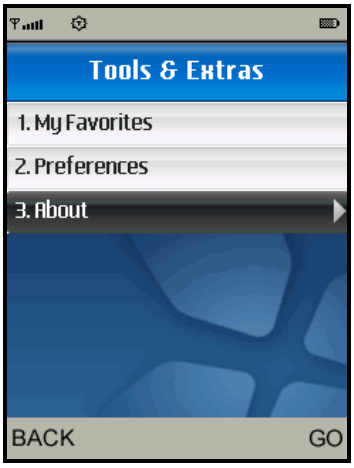
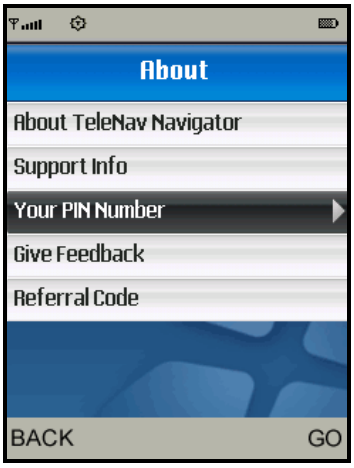
About





The About sub-menu allows you to view information such as your TeleNav GPS Navigator version number, the Customer Support phone number, your PIN number (used to login to the website), etc.

See below for more details on each feature.

About TeleNav Navigator

This menu option displays a screen similar to the illustration on the right. It shows the exact version of TeleNav GPS Navigator that is on your phone.

Knowing the exact version of your software may be helpful if you ever have to call Technical Support.

Support Info

Here, you can access information on how to contact Customer Support.

Support Info
Visit www.TeleNav.com for a lot more tips & tricks to use TeleNav. Call 88-TELENAV-4 or email care@telenav.com for support.
CALL
BACK

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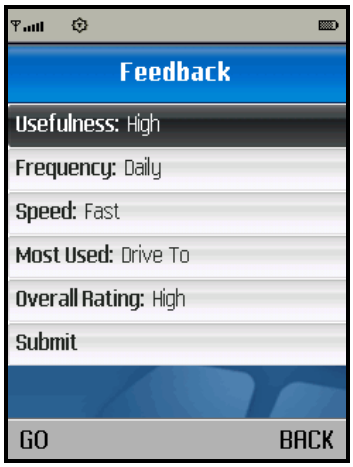
Your PIN Number

This screen gives a display of your PIN Number. This number is needed to log in to the pre-planning website.

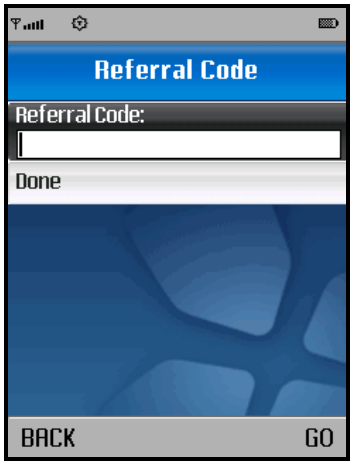
Give Feedback



The Feedback menu gives you the following options so you can provide feedback on how TeleNav GPS Navigator is working for you.

- **Usefulness** - High, Medium, or Low
- **Frequency** - Daily, Weekly, Monthly, or Less Often
- **Speed** (of TeleNav GPS Navigator's response time) - Fast, Average, or Slow
- **Most Used** - Drive To, Directory, View Maps, or Tools/Extras.
- **Overall Rating** - High, Medium, or Low
- **Submit** - After you rate each of the Feedback options listed above, select **Submit** to send us your feedback.

Referral Code



This field is reserved for your carrier's customer support representative.

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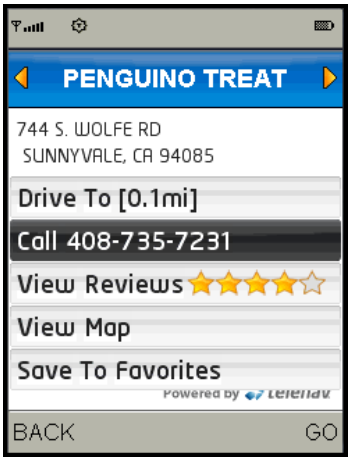
12. Phone Calls

Making a Phone Call from TeleNav GPS Navigator

Calling a location that you have found in the Directory such as a restaurant, a hotel, or a church is easy - simply select the “Call” menu item.



NOTE: Because your phone can only do one function at a time, making a call from an TeleNav GPS Navigator screen automatically exits the TeleNav GPS Navigator application. In order to easily return to the location that you found, select the Save to My Favorites menu option before making your call. Restart TeleNav GPS Navigator after you finish your call and retrieve the location from your My Favorites list.

Taking an Incoming Call

When you are using TeleNav GPS Navigator and your phone receives an incoming call, your phone rings and displays a screen that gives you the option to take or ignore the call.

If you ignore the call, the TeleNav GPS Navigator application resumes and continues with the function that you were using before the call came in. However, if you take the call, the TeleNav GPS Navigator application terminates because the phone can only run one application at a time.

After you finish the call, re-launch TeleNav GPS Navigator and begin again where you left off. For example, if you were driving to a location that was not saved to your My Favorites list, look in your Recent Places list. To get driving directions, simply select the destination in your Recent Places list and then select Drive To.

Interruption of Other Services

Whenever TeleNav GPS Navigator needs to contact its servers, it uses AT&T’s data service. When this happens, other services such as SMS messaging and conventional cellular calls are not available. Typically, this interruption of other services lasts no more than 20 seconds or so.

When incoming calls are blocked due to TeleNav GPS Navigator’s use of AT&T’s data network, phone calls go to your voice mail if you have a voice mail service available.

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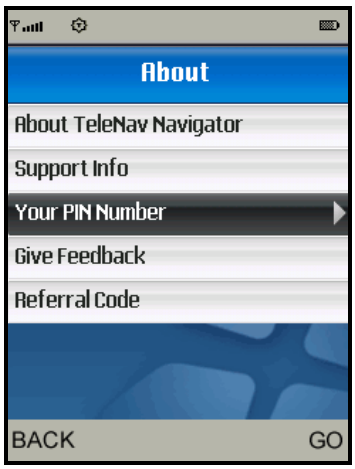
13. Change your PIN number

1. Using an Internet browser, go to the TeleNav Web site at www.telenav.com and click on “My TeleNav.”
2. Enter your phone number and PIN to log in.
3. Select the “Change My PIN” Number link.
4. Enter your current PIN number and your new PIN number.
5. Click **Submit**.

NOTE: You can find your current PIN number by selecting Tools & Extras >> About >> Your PIN Number:



14. Exit TeleNav GPS Navigator

To exit the TeleNav GPS Navigator application, press the **End** button.

If you are not at the TeleNav GPS Navigator Main Menu:

1. Press the **CANCEL** or **BACK** softkey until the Main Menu appears.
2. Press the **EXIT** softkey.
3. Press the **YES** softkey when “Exit TeleNav now?” appears to exit the application.

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15. The TeleNav Website

You can also use many of TeleNav's features on the TeleNav website, like getting driving directions (Route Planning) and using the Directory to find businesses, churches, schools, and government offices. You can also use the TeleNav website to add an address to your My Favorites list and manage your My Favorites and Recent Places lists.

To access the TeleNav website, go to http://www.telenav.com. Some of the features are available without logging in, while others require logging into My TeleNav as described below.

Available Without Logging In

The following features are available without logging in:

- Route planning for planning a trip by entering the starting and destination addresses (this does not update information on your phone).
- The Directory (Search) for finding restaurants, motels, stores, churches, schools, government offices, etc. You can also get addresses, phone numbers, maps, and directions.
- Contact Customer Support.

My TeleNav

In My TeleNav, which requires logging in with your phone number and PIN, you can also:

- Add an address and save it to the My Favorites list on your phone. The next time you launch the TeleNav GPS Navigator application on your phone, the new address will appear in your My Favorites and Recent Places lists.

NOTE: If TeleNav GPS Navigator is running on your phone when you save the address on the website, the new address will show up in your My Favorites list or your Recent Places list only if you have not accessed these lists in your current TeleNav GPS Navigator session. If you have already accessed one of these lists in your current session, the new address will not appear in either list until you exit and then re-launch TeleNav GPS Navigator.

Manage addresses in your My Favorites and Recent Places lists (both of which update information on your phone). These lists can grow to an unlimited length. You can also delete addresses you no longer need.

- Manage an independent Web address book (saved to your Web address book only, not saved to your phone).
- Update your personal information including your home and work addresses and your email address.
- Change your PIN number.
- Shop at the TeleNav online store.

If you need to migrate your TeleNav account to a different phone number, please call TeleNav Customer Care at:1-888-353-6284. For security reasons, you cannot perform this change without assistance.

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16. Error Conditions

Account cancelled

You do not have a valid TeleNav GPS Navigator account. Contact TeleNav GPS Navigator Customer Care at 1-888-353-6284.

Account not found

You do not have a valid TeleNav GPS Navigator account. Contact TeleNav GPS Navigator Customer Support at 1-888-353-6284.

GPS signal weak

Move to an area with a clearer view of the sky.

No GPS data

Make sure that you have a good view of the open sky. Then exit and re-launch TeleNav GPS Navigator.

TeleNav GPS Navigator encountered an error

TeleNav GPS Navigator is having technical problems with the specific request that you made. This can be due to an address that it cannot find, or mapping data that does not allow routing from where you are to where you want to go. In this case, try to use a nearby address.

TeleNav GPS Navigator not available

If you get an advisory message that TeleNav GPS Navigator is not available, exit the TeleNav GPS Navigator application and then re-launch it. If the problem recurs, it may be due to a temporary TeleNav GPS Navigator server outage.

Trial expired

The trial period for your account has expired.

Unable to generate a route

TeleNav GPS Navigator could not generate a route between the two endpoints of the route. This may be a temporary error if you have a weak GPS signal when establishing the origin, but may be due to errors in the map data in the area around the destination.

Unable to login

Someone may be fraudulently using your account. Change your PIN (see page 53) and attempt to log in again.

Your account has expired

You do not have a valid TeleNav GPS Navigator account. Order TeleNav GPS Navigator by calling Customer Support at: 1-888-353-6284

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17. FAQs

Why do I need the carrier's data service?

The data plan allows you to access nationwide routes, maps, and Directory content from the TeleNav GPS Navigator servers using the data communication features of your phone. These services are different from your cellular airtime. To order a data plan from your wireless carrier, please contact their customer support directly.

How long after I apply for the data service until I can use my TeleNav system?

Generally, it takes until the following business morning before the data services are fully provisioned. If you already have data services, it should be no more than 4 hours before an added TeleNav plan is active.

Does TeleNav GPS Navigator use up my voice plan minutes?

TeleNav GPS Navigator uses data to provide its navigation functions. Using data does not use any of your voice minutes. However, calling the Voice Address Input System does use about 75 seconds per address entered. The Voice Call feature internal to the TeleNav GPS Navigator application also uses voice minutes.

How accurate is the GPS?

GPS accuracy can range from 20m (approx. 65 ft) to 100m (approx. 328 ft). Most of the time, the GPS is accurate to less than 50 meters (approx. 164 ft).

What is ideal GPS environment?

The GPS requires an open, clear view of the sky. Buildings, covered parking areas, tunnels, and dense foliage can cause the GPS receiver in your phone to be unable to locate a GPS satellite or may cause extended initialization time (time to first GPS fix).

If you are parked in a covered parking lot or near a tall building, it is recommended that you move into an open area and then begin to use the TeleNav GPS Navigator service.

Why does the GPS not work near buildings and other tall objects?

The GPS uses signals from satellites, so it needs a clear view of the sky. Tall buildings and other objects that block the GPS receiver's view to the sky may make it impossible to determine your location. Sometimes the satellites are not overhead but near the horizon; in these cases, the GPS receiver in your phone must have a clear view of the horizon.

How do I know that the GPS has a signal?

The TeleNav GPS Navigator application on your phone alerts you if you do not have a valid GPS signal. If this happens, move to an area where there is a clear view of the sky so the GPS satellite signal has access to the GPS receiver in your phone.

What happens if I'm using TeleNav GPS Navigator for driving directions and I lose the GPS signal while driving across a bridge or through a tunnel or lose the GPS signal for some other reason?

TeleNav GPS Navigator remembers the speed at which you were driving before losing the GPS signal. TeleNav GPS Navigator continues to give you driving directions based on an estimate of the projected distance that you may have traveled at your last recorded rate of speed. TeleNav GPS Navigator recalculates your current position when you regain a GPS signal and adjusts your driving directions accordingly.

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How do I adjust volume during navigation?

Use the volume controls native to your device to adjust volume during navigation.

I noticed there are stars next to some restaurants I have viewed or saved. How is popularity rated?

Popularity is calculated by the user-generated ratings, averaged by considering the scores of the ratings and the number of users that have rated the location. A location accrues points based on how many stars it is given by TeleNav GPS Navigator users. When a location consistently achieves above-average ratings, its popularity count increases. Negative ratings lower the popularity count of the location.

How long are ratings kept?

Ratings and reviews expire after two years.

18. Customer Support

Send an email with your questions or comments to TeleNav GPS Navigator Customer Support, or enter a comment through the TeleNav GPS Navigator Web site. We will promptly reply to your inquiries.

TeleNav Technical Support

Phone: 1-888-353-6284 (toll-free, 24x7)
Email: care@telenav.com
Website: www.telenav.com

TeleNav, Inc.
1130 Kifer Road
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T-Mobile Customer Support

Phone: 1-800-937-8997

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19. TeleNav Services Warranty

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By using the service, you agree to indemnify TeleNav and its parents, subsidiaries, affiliates, officers and employees and hold them harmless from any and all claims and expenses, including reasonable attorney’s fees, asserted third party due to, or arising out of your use of the service and the site.

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